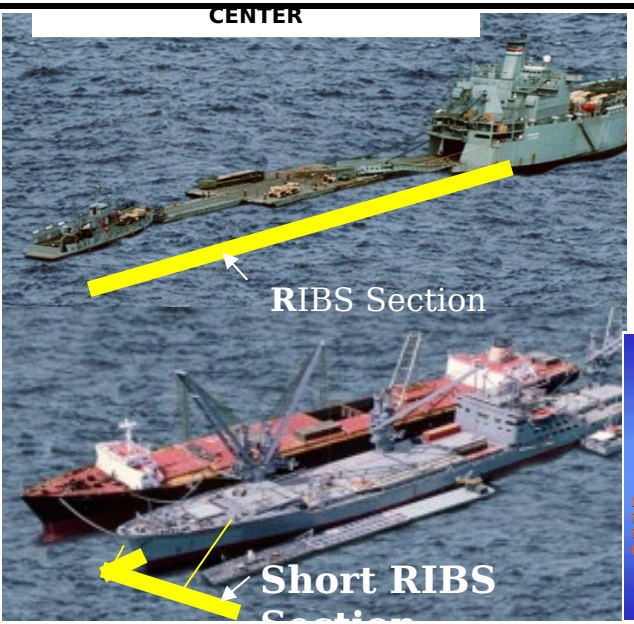
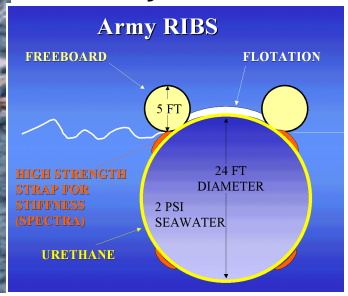
JOINT Rapidly Installed Breakwater System (JRIBS)

NAVAL SURFACE WARFARE CENTER



OBJECTIVE

Utilize the Army's Rapidly Installable Breakwater (RIB) technology together with sealift ships to form an extended lee for JLOTS



APPROACH

Review viable ship/breakwater configurations; coordinate with the Army and prepare a POA&M for ¼ scale ship/RIBS tests (will incorporate scale test results from previous FBB investigations).

PAYOFF

Improved sheltering for lighters during JLOTS cargo transfer operations in sea-state 3 conditions.

FY01 NEW START PROGRAM

One year feasibility study, coordinated with the Army's Engineer Research & Development Center (formerly WES), to evaluate:

- **Estimated forces due to wind, waves and current**
- **Size of RIB sections needed**
- **Mooring methods (i.e. vacuum pads, SeaFlex)**
- **RIB attachment angle needed**

DELIVERABLES

- Study report: Sep 01
- POA&M for continuing as a joint Navy/Army project if promising and cost effective.